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(54) **Vehicle suspension system**

(57) A vehicle suspension system including two suspension components (12,18,20,80,82) articulated together by a joint (19,83) which comprises a connecting member (24,87,108) and a socket member (22,84,101). The connecting member has an outer surface (28) of circular cross-section and a mounting pin (14,86,110), and the socket member (22,84,101) defines a socket (23,88,109) in which the outer surface (28) of the connecting member is a close running fit. The connecting member is mounted on one of the suspension components by said pin (14,86,110) and the socket member (22,84,101) is provided on the other of the suspension components. In one arrangement the mounting pin (14,86) may extend eccentrically to the outer surface (28) of the connecting member (24,87) and said connecting member may be adapted for rotational adjustment about the mounting axis of the pin. In another arrangement the socket member (101) may be mounted for rotational adjustment about an axis substantially parallel to but offset from the axis of the outer surface of the connecting member (108). Both variations permit dynamic adjustment of the camber angle of a wheel coupled to the suspension system.

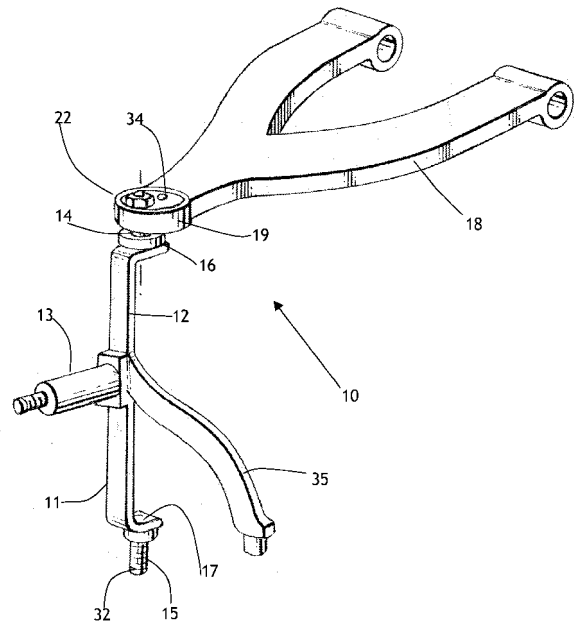


FIG. 1

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The present search report has been drawn up for all claims			
2	Place of search Munich	Date of completion of the search 20 October 2010	Examiner Schultze, Yves
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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